

DWL-G820



- Enables any Ethernet-ready Gaming Console with Wireless Connectivity
- Lag-Free Connection using D-Link 108G Technology
- Head-to-Head or Network Gaming Modes
- Plug-and-Play Installation

2.4GHz Wireless Gaming Adapter

G

802.11g
108Mbps



The D-Link High-Speed Wireless Gaming Adapter adds 802.11g wireless connectivity to any Ethernet-ready gaming console, making it ideal for both head-to-head and online gaming. Use Wireless Gaming Adapters to connect two game systems to each other or use one to connect your system to a wireless network.¹

In addition, you can use the DWL-G820 to make any Ethernet-enabled device wireless. The DWL-G820 is a true plug & play device that requires no configuration and is ready to work right out of the box.

The Wireless Game Adapter is also configurable through any Java-enabled Web browser or straight from your Xbox® gaming console. With support for several advanced features including Wi-Fi Protected Access (WPA™) and WEP encryption, the Wireless Gaming Adapter also protects your wireless signal.

The DWL-G820 uses D-Link 108G Technology for data transfer rates that are 15x faster than standard 802.11b rates and works with all 802.11g networks. The device is also backward compatible with 802.11b wireless networks. This Gaming Adapter provides lag-free performance and allows your gaming console to join your wireless network.

AirPlusXTREME G™

2.4GHz Wireless Gaming Adapter

SPECIFICATIONS

Standards

- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x

Device Management

- Web-based – Internet Explorer v.6 or later; Netscape Navigator v.6 or later; or other Java-enabled browser
- Telnet
- Xbox® Gaming Console

Signal Rate²

For 802.11g:

- 108, 54, 48, 36, 24, 18, 12, 9 and 6Mbps

For 802.11b:

- 11, 5.5, 2, and 1Mbps

Security

- 64/128/152-bit WEP
- WPA – Wi-Fi Protected Access (WPA-TKIP and WPA-PSK)

Wireless Frequency Range

- 2.4GHz to 2.4835GHz

Wireless Operating Range³

- Indoors: Up to 328 ft (100 meters)
- Outdoors: Up to 1312 ft (400 meters)

Radio and Modulation Type

- DQPSK, DBPSK, and CCK
- BPSK, QPSK, 16QAM, 64QAM, OFDM

External Antenna Type

- Dipole antennas with 2dBi gain

LEDs

- Power
- Status
- WLAN (Wireless Connection)

Receiver Sensitivity

- 54Mbps OFDM, 10% PER, -66dBm
- 48Mbps OFDM, 10% PER, -71dBm
- 36Mbps OFDM, 10% PER, -76dBm
- 24Mbps OFDM, 10% PER, -80dBm
- 18Mbps OFDM, 10% PER, -83dBm
- 12Mbps OFDM, 10% PER, -85dBm
- 11Mbps CCK, 8% PER, -83dBm
- 9Mbps OFDM, 10% PER, -86dBm
- 6Mbps OFDM, 10% PER, -87dBm
- 2Mbps OFDM, 10% PER, -89dBm

Wireless Transmit Power

Typical RF Output Power at each Data Rate

- +14~15dBm at 54, and 108Mbps
- +14~16dBm at 48Mbps
- +16~18dBm at 36, 24, 18, 12, 9, and 6Mbps
- +14~15dBm at 54, and 108Mbps

Operating Voltage

- 5VDC +/- 10%

Temperature

- Operating: 32°F to 104°F (0°C to 40°C)
- Storing: -4°F to 149°F (-20°C to 65°C)

Humidity

- Operating: 10%~90% (Non-condensing)
- Storing: 5%~95% (Non-condensing)

Certifications

- FCC
- UL

Dimensions

- 3.3" x 3.5" x 1.3" (W x D x H)

Warranty

- 1-Year Limited⁴

DWL-G820



Make your gaming console wireless! Use the DWL-G820 to enable wireless 802.11g connectivity for online or head-to-head gameplay that's fast and free from wires!



¹ May require an additional network adapter.

² Maximum wireless signal rate derived from IEEE Standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

³ Environmental conditions will adversely affect wireless signal range.

⁴ 1-Year Limited Warranty available only in the USA and Canada.



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Price and specifications are subject to changes without notice. See inside package for warranty details.

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Building Networks for People